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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----------------------------------------------------------|------|------------------|-------|------------|----------------------------|----|
| U.S. Department of Commerce, Patent and Trademark Office                                                                                                                                                                                  |    |                                                           |      | Atty Docket No.  |       | Serial No. |                            |    |
|                                                                                                                                                                                                                                           |    |                                                           |      | M-7084 US        |       | 09/419,828 |                            |    |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT                                                                                                                                                                                             |    |                                                           |      | Applicant(s)     |       |            |                            |    |
| (Use several sheets if necessary)                                                                                                                                                                                                         |    |                                                           |      | Van Dyke et al.  |       |            |                            |    |
|                                                                                                                                                                                                                                           |    |                                                           |      | Filing Date      |       | Group      |                            |    |
|                                                                                                                                                                                                                                           |    |                                                           |      | October 14, 1999 |       | 2766       |                            |    |
| U.S. Patent Documents                                                                                                                                                                                                                     |    |                                                           |      |                  |       |            |                            |    |
| *Examiner Initial                                                                                                                                                                                                                         |    | Document Number                                           | Date | Name             | Class | Subclass   | Filing Date If Appropriate |    |
|                                                                                                                                                                                                                                           | AA |                                                           |      |                  |       |            |                            |    |
|                                                                                                                                                                                                                                           | AB |                                                           |      |                  |       |            |                            |    |
|                                                                                                                                                                                                                                           | AC |                                                           |      |                  |       |            |                            |    |
|                                                                                                                                                                                                                                           | AD |                                                           |      |                  |       |            |                            |    |
|                                                                                                                                                                                                                                           | AE |                                                           |      |                  |       |            |                            |    |
|                                                                                                                                                                                                                                           | AF |                                                           |      |                  |       |            |                            |    |
|                                                                                                                                                                                                                                           | AG |                                                           |      |                  |       |            |                            |    |
|                                                                                                                                                                                                                                           | AH |                                                           |      |                  |       |            |                            |    |
|                                                                                                                                                                                                                                           | AI |                                                           |      |                  |       |            |                            |    |
|                                                                                                                                                                                                                                           | AJ |                                                           |      |                  |       |            |                            |    |
|                                                                                                                                                                                                                                           | AK |                                                           |      |                  |       |            |                            |    |
| Foreign Patent Documents                                                                                                                                                                                                                  |    |                                                           |      |                  |       |            |                            |    |
|                                                                                                                                                                                                                                           |    |                                                           |      |                  |       |            | Translation                |    |
|                                                                                                                                                                                                                                           |    | Document                                                  | Date | Country          | Class | Subclass   | Yes                        | No |
|                                                                                                                                                                                                                                           | AL |                                                           |      |                  |       |            |                            |    |
|                                                                                                                                                                                                                                           | AM |                                                           |      |                  |       |            |                            |    |
|                                                                                                                                                                                                                                           | AN |                                                           |      |                  |       |            |                            |    |
|                                                                                                                                                                                                                                           | AO |                                                           |      |                  |       |            |                            |    |
|                                                                                                                                                                                                                                           | AP |                                                           |      |                  |       |            |                            |    |
| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)                                                                                                                                                                          |    |                                                           |      |                  |       |            |                            |    |
| <i>MAS</i>                                                                                                                                                                                                                                | AQ | "Data Encryption Standard (DES), Chapter 12, pp. 270-277. |      |                  |       |            |                            |    |
|                                                                                                                                                                                                                                           | AR |                                                           |      |                  |       |            |                            |    |
|                                                                                                                                                                                                                                           | AS |                                                           |      |                  |       |            |                            |    |
| Examiner <i>Matthew A. Smithson</i>                                                                                                                                                                                                       |    | Date Considered <i>6/29/03</i>                            |      |                  |       |            |                            |    |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant. |    |                                                           |      |                  |       |            |                            |    |